

No. 9.—Analysis made from same sample as No. 8.

No. 10.—Average sample from two tons taken from same place.

No. 11.—Taken from Emmons' report of 1856; made by Prof. Johnson.

No. 12.—From same source. This analysis was evidently made from an exceptionally pure sample.

The first four analyses show an average of

Sulphur.....	2.87 per cent.
Ash.....	8.82 per cent.

*Analyses of Farmville "Big" or Upper bed,—where thin.*

	No. 13.	No. 14.	No. 15.
Water at 115° C.,.....	1.46	1.22	0.97
Volatile matter.....	29.30	31.77	27.53
Fixed carbon .....	40.24	46.54	36.93
Sulphur .....	4.33	3.79	10.74
Ash.....	24.67	16.68	23.83
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	100.00	100.00	100.00
Weight of cubic yard, lbs., .....	2,359	2,323	2,317

No. 13.—Taken from pit (No. 20), 15 feet deep; the bed is here only one foot thick.

No. 14.—From shallow pit (No. 21); bed here 1' 6'' thick.

No. 15.—From pit (No. 8). Bed is here about one foot thick.

*Analyses of Natural Coke, "Big" Bed, Farmville.*

	No. 16.	No. 17.
Water at 115° C., .....	0.90	0.83
Volatile matter,.....	4.75	} 79.62
Fixed carbon,.....	68.33	
Sulphur,.....	0.92	0.87
Ash,.....	25.10	18.68
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	100.00	100.00
Weight of cubic yard—lbs.,.....	2,798	.....

No. 16.—Taken from shallow pit (No. 1), within ten feet of good coal.

No. 17.—Analysis from same sample.

*Analyses of Middle or "Fourteen-inch" Bed, Farmville.*

	No. 18.	No. 19.
Water at 115° C., .....	1.29	1.50
Volatile matter,.....	30.25	29.32
Fixed carbon,.....	55.76	57.62
Sulphur,.....	2.88	2.34
Ash,.....	9.82	9.22
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	100.00	100.00
Weight of cubic yard, lbs.,.....	2,244	2,280